

What is claimed:

1. A bayonet latch comprising:
 - a. a rotatable locking member having a slot;
 - b. a stem having a pin; wherein when the locking member is in a first
- 5 position, the pin passes through the slot and when the locking member is in a second position, the pin cannot pass through the slot.
2. The bayonet latch of claim 1 wherein the pin extends laterally outward from the stem.
- 10 3. The bayonet latch of claim 1 wherein the pin has a first member extending laterally outward from the stem and a second member opposite the first member and extending laterally outward from the stem to form a T.
- 15 4. The bayonet latch of claim 1 wherein the first position and the second position are offset from each other.
5. The bayonet latch of claim 1 wherein the first position and the second position are offset from each other 90 degrees.
- 20 6. The bayonet latch of claim 1 further comprising a spring to bias the locking member away from the stem when the locking member is in the second position.
7. The bayonet latch of claim 1 further comprising an indicator provided on the
- 25 locking member to indicate the positional relationship of the slot with respect to the pin.
8. A bayonet latch for a housing having a first housing member and a second housing member comprising:
 - a. a rotatable locking member secured in the first housing member;
 - 30 b. a stem secured from rotation in the second housing member; wherein when the locking member is in a first position, the pin passes through the slot and the

housing members can be joined and when the locking member is in a second position, the pin cannot pass through the slot and the housing members are secured to each other.

- 5 9. The bayonet latch of claim 8 further comprising a spring to bias the locking member away from the stem when the locking member is in the second position.
10. A bayonet latch for a housing comprising:
- 10 a. a first housing member having first side and a second side with a flange provided on the first side to receive a rotatable locking member having a slot;
- 15 b. a second housing member having a first side and a second with a boss provided on the second side to receive a stem having a pin; wherein when the locking member is in a first position and the second side of the first housing member contacts the second side of the second housing member, the pin passes through the slot and
- 20 further wherein when the locking member is rotated to a second position, the second side of the first housing member is held in contact with the second side of the second housing member.
- 25 11. The bayonet latch of claim 10 further comprising a spring disposed between the flange and the locking member.
12. The bayonet latch of claim 10 wherein the stem is threadably received in the boss.
- 25 13. The bayonet latch of claim 10 wherein the stem has a first member extending laterally outward from the stem and a second member opposite the first member and extending laterally outward from the stem to form a T.
- 30 14. The bayonet latch of claim 10 wherein the second position is offset from the first position.